

K. Katchares

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/319782

Source: OIP

Date Processed by STIC: 9/21/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive, user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIEP

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/319,782

DATE: 09/21/2001
 TIME: 09:21:03

Input Set : A:\01099211.app
 Output Set: N:\CRF3\09212001\I319782.raw

3 <110> APPLICANT: INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL
 4 DROUIN, Jacques
 5 PHILIPS, Alexandre
 6 MAIRA, Mario
 8 <120> TITLE OF INVENTION: NUR-RE A RESPONSE ELEMENT WHICH BINDS NUR NUCLEAR
 9 RECEPTORS AND METHOD OF USE THEREFOR
 11 <130> FILE REFERENCE: 480848.90018
 13 <140> CURRENT APPLICATION NUMBER: 09/319,782
 C--> 14 <141> CURRENT FILING DATE: 1999-06-10
 16 <150> PRIOR APPLICATION NUMBER: CA97/00962
 17 <151> PRIOR FILING DATE: 1997-12-12
 19 <150> PRIOR APPLICATION NUMBER: 2,192,754
 20 <151> PRIOR FILING DATE: 1996-12-12
 22 <160> NUMBER OF SEQ ID NOS: 28
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 8
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Murinae gen. sp.
 31 <400> SEQUENCE: 1
 32 aaaggtca
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 24
 37 <212> TYPE: DNA
 38 <213> ORGANISM: Murinae gen. sp.
 40 <400> SEQUENCE: 2
 41 gtgatattta cctccaaatg coag
 44 <210> SEQ ID NO: 3
 45 <211> LENGTH: 6
 46 <212> TYPE: DNA
 47 <213> ORGANISM: Murinae gen. sp.
 49 <400> SEQUENCE: 3
 50 aggtca
 53 <210> SEQ ID NO: 4
 54 <211> LENGTH: 28
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Murinae gen. sp.
 58 <400> SEQUENCE: 4
 59 gatcctcgtg cgaaaaggctc aagcgcta
 62 <210> SEQ ID NO: 5
 63 <211> LENGTH: 33
 64 <212> TYPE: DNA
 65 <213> ORGANISM: Murinae gen. sp.
 67 <400> SEQUENCE: 5
 68 gatcctagt atatttacct ccaaatgccca gga
 71 <210> SEQ ID NO: 6
 72 <211> LENGTH: 22

Does Not Comply
 Corrected Diskette Needed

8

24

6

28

33

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/319,782

DATE: 09/21/2001
TIME: 09:21:03

Input Set : A:\01099211.app
Output Set : N:\CRF3\09212001\I319782.raw

73 <212> TYPE: DNA
74 <213> ORGANISM: Murinae gen. sp.
76 <400> SEQUENCE: 6 22
77 tgacctttat tctcaaaagt ca
80 <210> SEQ ID NO: 7
81 <211> LENGTH: 8
82 <212> TYPE: DNA
83 <213> ORGANISM: Murinae gen. sp.
85 <400> SEQUENCE: 7 8
86 aaatatca
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 8
91 <212> TYPE: DNA
92 <213> ORGANISM: Murinae gen. sp.
94 <400> SEQUENCE: 8 8
95 aaatgccca
98 <210> SEQ ID NO: 9
99 <211> LENGTH: 24
100 <212> TYPE: DNA
101 <213> ORGANISM: Murinae gen. sp.
103 <220> FEATURE:
104 <221> NAME/KEY: variation
105 <222> LOCATION: (10)..(15)
106 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
107 G
109 <400> SEQUENCE: 9 24
110 gtgatatttn nnnnaaatg ccag
113 <210> SEQ ID NO: 10
114 <211> LENGTH: 22
115 <212> TYPE: DNA
116 <213> ORGANISM: Murinae gen. sp.
118 <220> FEATURE:
119 <221> NAME/KEY: variation
120 <222> LOCATION: (9)..(14)
121 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
122 G
124 <400> SEQUENCE: 10 22
125 tgatatttnn nnnnaaatgc ca
128 <210> SEQ ID NO: 11
129 <211> LENGTH: 24
130 <212> TYPE: DNA
131 <213> ORGANISM: Murinae gen. sp.
133 <220> FEATURE:
134 <221> NAME/KEY: variation
135 <222> LOCATION: (10)..(15)
136 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
137 G
139 <400> SEQUENCE: 11 24
140 gtgatatttn nnnnaaata tcac

*delete this - "N" above can represent A, T, C, or G
(see Sequence Rules)*

same error

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/319,782

DATE: 09/21/2001
TIME: 09:21:03

Input Set : A:\01099211.app
Output Set: N:\CRF3\09212001\I319782.raw

143 <210> SEQ ID NO: 12
144 <211> LENGTH: 22
145 <212> TYPE: DNA
146 <213> ORGANISM: Murinae gen. sp.
148 <220> FEATURE:
149 <221> NAME/KEY: variation
150 <222> LOCATION: (9)..(14)
151 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
152 G 22
154 <400> SEQUENCE: 12
155 ~~tgatattttn nnnnaaatat ca~~
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 24
160 <212> TYPE: DNA
161 <213> ORGANISM: Murinae gen. sp.
163 <220> FEATURE:
164 <221> NAME/KEY: variation
165 <222> LOCATION: (10)..(15)
166 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
167 G 24
169 <400> SEQUENCE: 13
170 ~~ctggcatttn nnnnaaatg ccag~~
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 22
175 <212> TYPE: DNA
176 <213> ORGANISM: Murinae gen. sp.
178 <220> FEATURE:
179 <221> NAME/KEY: variation
180 <222> LOCATION: (9)..(14)
181 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
182 G 22
184 <400> SEQUENCE: 14
185 ~~tggcattttn nnnnaaatgc ca~~
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 24
190 <212> TYPE: DNA
191 <213> ORGANISM: Murinae gen. sp.
193 <220> FEATURE:
194 <221> NAME/KEY: variation
195 <222> LOCATION: (1)
196 <223> OTHER INFORMATION: N = Q; Q is C or G
198 <220> FEATURE:
199 <221> NAME/KEY: variation
200 <222> LOCATION: (10)..(15)
201 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
202 G
204 <220> FEATURE:
205 <221> NAME/KEY: variation
206 <222> LOCATION: (24)

invalid Per Sequence Rules, "S" represents C or G

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/319,782

DATE: 09/21/2001
TIME: 09:21:03

Input Set : A:\01099211.app
Output Set : N:\CRF3\09212001\I319782.raw

207 <223> OTHER INFORMATION: N = Q; Q is C or G use "s"
209 <400> SEQUENCE: 15
W--> 210 ~~tgacctttnn~~ nnnnaaagg tcau
213 <210> SEQ ID NO: 16
214 <211> LENGTH: 22
215 <212> TYPE: DNA
216 <213> ORGANISM: Murinae gen. sp.
218 <220> FEATURE:
219 <221> NAME/KEY: variation
220 <222> LOCATION: (9)..(14)
221 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or G
222 G
224 <400> SEQUENCE: 16
W--> 225 ~~tgacctttnn~~ nnnnaaaggt ca
228 <210> SEQ ID NO: 17
229 <211> LENGTH: 24
230 <212> TYPE: DNA
231 <213> ORGANISM: Murinae gen. sp.
233 <220> FEATURE:
234 <221> NAME/KEY: variation
235 <222> LOCATION: (1)
236 <223> OTHER INFORMATION: N = Q; Q is C or G use "s"
238 <220> FEATURE:
239 <221> NAME/KEY: variation
240 <222> LOCATION: (4)
241 <223> OTHER INFORMATION: N = A or G use "r"
243 <220> FEATURE:
244 <221> NAME/KEY: variation
245 <222> LOCATION: (10)..(15)
246 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or G
247 G
249 <220> FEATURE:
250 <221> NAME/KEY: variation
251 <222> LOCATION: (20)
252 <223> OTHER INFORMATION: N = A or G use "r"
254 <220> FEATURE:
255 <221> NAME/KEY: variation
256 <222> LOCATION: (24)
257 <223> OTHER INFORMATION: N = Q; Q is C or G use "s"
259 <400> SEQUENCE: 17
W--> 260 ~~tgacctttnn~~ nnnnaaaggt ycau
263 <210> SEQ ID NO: 18
264 <211> LENGTH: 22
265 <212> TYPE: DNA
266 <213> ORGANISM: Murinae gen. sp.
268 <220> FEATURE:
269 <221> NAME/KEY: variation
270 <222> LOCATION: (3)
271 <223> OTHER INFORMATION: N = A or G use "r"

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/319,782

DATE: 09/21/2001
TIME: 09:21:03

Input Set : A:\01099211.app
Output Set : N:\CRF3\09212001\I319782.raw

273 <220> FEATURE:
274 <221> NAME/KEY: variation
275 <222> LOCATION: (9)..(14)
276 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
277 G
279 <220> FEATURE:
280 <221> NAME/KEY: variation
281 <222> LOCATION: (19)
282 <223> OTHER INFORMATION: N = A or G use "r"
284 <400> SEQUENCE: 18 22
W--> 285 ~~tgatattnn nnnnaaatg~~ ca
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 24
290 <212> TYPE: DNA
291 <213> ORGANISM: Murinae gen. sp.
293 <400> SEQUENCE: 19 24
294 gtgatattta cctccaaatg ccag
297 <210> SEQ ID NO: 20
298 <211> LENGTH: 22
299 <212> TYPE: DNA
300 <213> ORGANISM: Murinae gen. sp.
302 <400> SEQUENCE: 20 22
303 tgatatttac ctccaaatgc ca
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 24
308 <212> TYPE: DNA
309 <213> ORGANISM: Murinae gen. sp.
311 <400> SEQUENCE: 21 24
312 gtgatattta cctccaaata tcac
315 <210> SEQ ID NO: 22
316 <211> LENGTH: 22
317 <212> TYPE: DNA
318 <213> ORGANISM: Murinae gen. sp.
320 <400> SEQUENCE: 22 22
321 tgatatttac ctccaaatat ca
324 <210> SEQ ID NO: 23
325 <211> LENGTH: 24
326 <212> TYPE: DNA
327 <213> ORGANISM: Murinae gen. sp.
329 <400> SEQUENCE: 23 24
330 ctggcatttta cctccaaatg ccag
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 22
335 <212> TYPE: DNA
336 <213> ORGANISM: Murinae gen. sp.
338 <400> SEQUENCE: 24 22
339 tggcatttac ctccaaatgc ca
342 <210> SEQ ID NO: 25
343 <211> LENGTH: 24

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

PSI →

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/319,782

DATE: 09/21/2001
TIME: 09:21:04

Input Set : A:\01099211.app
Output Set: N:\CRF3\09212001\I319782.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28